



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Raynor Garage Doors.
1101 E. River Road
Dixon IL 610217

Scope. This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 16'-0" wide Sectional Door.

APPROVAL DOCUMENT: Drawing No. P-1275, dated 06/22/94, with last revision on 07/02/03, titled "Spec. Windload Decade Series 16' 0" Wide (Max)", sheets 1 of 1, prepared by Raynor Garage Doors. signed and sealed by H. Farooq, PE, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

LIMITATION: This approval requires the manufacturer to do testing of all coils used to fabricate door panels under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Miami-Dade county approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimen were selected from coils at the manufacturer production facilities. And a notarized statement from the manufacturer that apply coils with yield strength of 33000 psi or more shall be used to make door panels for Miami-Dade County under this Notice of Acceptance.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 00-0804.01 and, consists of this page, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**



[Signature]
11/27/03

NOA No 03-0805.02
Expiration Date: August 21, 2008
Approval Date: November 27, 2003
Page 1

Raynor Garage Doors.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing prepared by Raynor Garage Doors, titled "SPEC. WINDLOAD DECADE SERIES 16' 0" WIDE (MAX)", Drawing No. P1275, dated 06/22/94, with last revision on 07/02/03, sheets 1 of 1, signed and sealed by H. Farooq, PE.

B. TESTS

1. Test report of large missile impact test per PA 201 and cyclic wind pressure test per PA 203 on "Decade I/II 16' wide x 8" high", prepared by Hurricane Engineering & Testing, Inc., report No. HETI 94-17, dated 04/05/94, signed and sealed by A. Viqar, PE.
2. Test report of uniform static air pressure test per PA 202 on a "Decade I/II 16' wide x 8" high" prepared by Hurricane Engineering & Testing, Inc., report No. HETI 94-A17, dated 02/23/94, signed and sealed by A. Viqar, PE.

C. CALCULATIONS

1. Calculations dated 06/01/94; pages 1 through 2, prepared by Al-Farooq Corp., signed and sealed by H. Farooq, PE.

D. QUALITY ASSURANCE.

1. Miami-Dade County. Product Control Division

E. MATERIAL CERTIFICATIONS

F. STATEMENTS.

1. Letter confirming that Raynor Garage Doors, Decade Series have not changed on any item or design since its previous approval, issued by Raynor Garage Door on 07/11/200 signed by G. Wedekind.
2. No change letter issued by Raynor Garage Doors on 10/21/03, signed by G. Wedekind and notarized by S. M. Salsbury.
3. Tensile test report and affidavit of minimum yield issued by Hurricane Engineering & Testing, Inc and Raynor Garage Doors on 05/31/03 & 10/21/03 and signed by G. Wedekind & R. E. Droz-Seda.



11/27/03

Candido F. Font PE

Senior Product Control Examiner

NOA No 03-0805.02

Expiration Date: August 21, 2008

Approval Date: November 27, 2003

JAMBS

2 X 6 #1 SYP WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN WITH 1/4" X 1 3/4" ITW TAPCONS 9" ON CENTER.

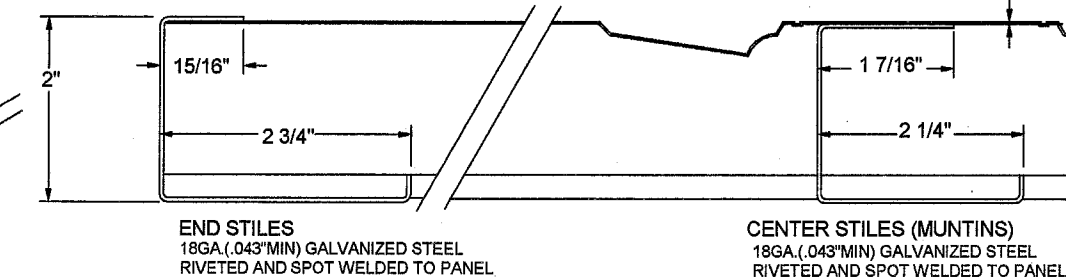
BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH #5 BARS EXTENDING INTO THE FOOTING AND INTO THE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE BEAMS TO FOOTING.

JAMB CONSTRUCTION TO BE PROVIDED BY OTHERS.

STEEL SECTION

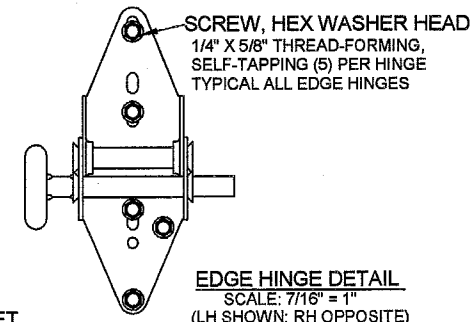
.023" THICK G-40 GALVANIZED STEEL ROLL-FORMED WITH EMBOSSED COLONIAL RAISED PANEL SIZE - 14 3/4" X 19 15/16" STEEL SECTIONS TO HAVE A MINIMUM YIELD OF 33000 PSI. AND G-40 GALVANIZED COAT.

FINISHES:
BROWN, WHITE OR ALMOND BAKED ON POLYESTER ENAMEL



ROUGH OPENING
16'-0"

FINISHED OPENING
15'-11"



TRACK BRACKET
11GA (.116" MIN) GALVANIZED STEEL
HEX HEAD LAG SCREW
3/8 X 1-3/4", (2) PER BRACKET (PILOT HOLE REQ'D)
WHIZ LOCK NUT
5/16-18, (1) PER BRACKET
TRACK BOLT
5/16-18 X 3/4", (1) PER BRACKET
TRACK ROLLER
(10) 1/4" STEEL BALLS IN HARDENED INNER AND OUTER RACES ON 7/16" DIA. STEEL SHAFT
TRACK
13GA (.086" MIN) GALVANIZED STEEL
WIND LOCK BRACKET
1/4" HOT ROLLED STEEL
(4) PER DOOR, (2) PER SIDE
WIND LOCK (UPPER)
1/4" HOT ROLLED STEEL
(2) PER DOOR
WIND LOCK (LOWER)
1/4" HOT ROLLED STEEL
(2) PER DOOR

JAMB DETAIL

SCALE: FULL

2X4 STRAP
16GA (.055" MIN) GALVANIZED STEEL
(5) PER 2X4

RABBET JOINT
CENTER HINGE
17GA (.050" MIN) GALVANIZED STEEL

SCREW, HEX WASHER HEAD
1/4" X 5/8" THREAD-FORMING, SELF-TAPPING (4) PER HINGE TYPICAL ALL CENTER HINGES

2X4 NOM. (1-1/2" X 3-1/2" ACTUAL)
#1 DENSE SYP OR WOODED REINFORCEMENT HAVING A BENDING STRESS OF 2000 PSI

LAG SCREW, 3/8 X 1-3/4"
(3) PER JAMB ANGLE (PILOT HOLE REQ'D)

HEADER

CENTER STILES (MUNTINS)
18GA (.043" MIN) GALVANIZED STEEL
RIVETED AND SPOT WELDED TO PANEL

SINGLE EDGE HINGE
13GA (.086" MIN) GALVANIZED STEEL

HEX HEAD LAG SCREW
5/16 X 1-3/4", (1) PER WIND LOCK

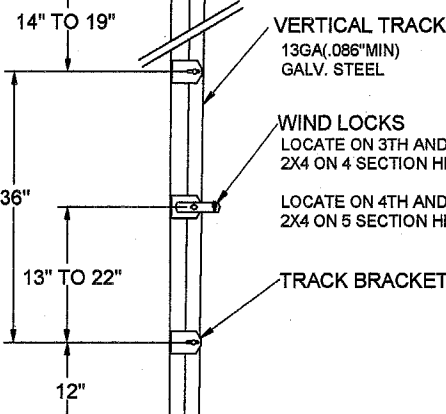
TOP FIXTURE
11GA (.116" MIN) GALVANIZED STEEL FASTENED WITH
(3) 1/4" X 5/8" THREAD-FORMING, SELF-TAPPING SCREWS

EXTRA STILES MAY BE FIELD INSTALLED USING (2) 5/32" POP RIVETS AT EACH PANEL RAIL

WOODEN REINFORCEMENT
TWO (2) 2X4 PER SECTION REQ'D FASTEN AT CENTER AND END STILES AS SHOWN

LIFTING CABLES
1/8" 7X7 PRE-FORMED GALVANIZED AIRCRAFT-TYPE CABLE. SAFETY FACTOR 5:1 (MIN)

OPENING HEIGHT



TYPICAL TRACK INSTALLATION

SCALE: 1" = 12-1/2"

8' 0" OPENING HEIGHT

CORNER BRACKET
11GA (.116" MIN) GALVANIZED STEEL FASTENED WITH (7) 1/4" X 5/8" THREAD-FORMING, SELF-TAPPING SCREWS

VENT OPENINGS MAY BE LOCATED IN DOOR IN A CONFIGURATION THAT WILL YIELD 120 SQ. IN TOTAL OPEN AREA.

INTERIOR ELEVATION

SCALE: 1" = 12-1/2"

SIDE LOCK
TWO (2) REQ'D PER DOOR. LOCATE OPPOSITE EACH OTHER TO ENGAGE EACH TRACK 5/8" MIN. (RH SIDE SHOWN).

DESIGN LOAD
+42 P.S.F.
-52 P.S.F.
LARGE MISSILE
IMPACT RESISTANCE

SEP 30 2003

SECTION THRU DETAIL

SCALE: 7/16" = 1"

CORNER BRACKET DETAIL

SCALE: 7/16" = 1"
(LH SHOWN, RH OPPOSITE)

ASTRAGAL RETAINER
(ALUMINUM)
SINGLE CONTACT
VINYL WEATHER SEAL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-080502
Expiration Date 08/21/08
By: [Signature]
Miami Dade Product Control
Division

B 1) ADDED LARGE MISSILE NOTE, REMOVED TEST LOAD, 2) ADDED YIELD STRENGTH, 3) ADDED FASTENER DIMENSION, 4) REDRAWN ON SOLID EDGE, 5) REMOVED "OPTIONAL" FROM CENTER STILE NOTE.	4487	7/2/03	SCALE: NOTED DRAWN BY: G. WEDEKIND CHECKED BY: GW	RAYNOR GARAGE DOORS BOX HEADQUARTERS ROAD DIXON, IL 61021	TITLE SPEC, WINDLOAD DECADE SERIES 16' 0" WIDE (MAX) NO. P-1275
A REVISED	6/22/04	DATE: 06/22/04	DATE: 06/22/04 EON NO.:	SHEET 1 OF 1	REV B